

Title (en)  
Glutaminase

Title (de)  
Glutaminase

Title (fr)  
Glutaminase

Publication  
**EP 1290951 A1 20030312 (EN)**

Application  
**EP 01121530 A 20010910**

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Abstract (en)  
The present invention refers to new a salt-resistant thermotolerant glutaminase from Lactobacilli. This glutaminase presents a salt dependence such that its activity in the presence of up to 15% NaCl is from 80 to 180 % of that without NaCl and a thermal stability such that its energy of activation is about 80 to 150 kJ.mol<sup>-1</sup>. This enzyme mas be obtained by cultivating a micro-organism belonging to the genus Lactobacillus, producing the salt-resistant thermotolerant glutaminase and then recovering it. The present glutaminase may be useful for enhancing the yield of production of glutamate in biohydrolysate manufacture process. <IMAGE>

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